

#420

Waste Streams and Past and Present Means  
of Disposal

WASTE STREAM ID. No.	DESCRIPTION P/M	YEAR 85	86	87
SMALL QUANT LAST PHOTOC WASTE	P kg 8,126	1,226	1,170	0
ELECTRO NICKEL ATING SOLUTION	M 0	2,454	0	0
K-1420 HCl	M 0	0	0	0
K-1420 CL, NICKEL SULFATE	M 0.316	0	0	0
K-1420 NICKEL SULFATE	M 13.109	0	0	0
K-1420 NICKEL ACID	M 14,045	1,216	1,364	1,364
K-1420 ELECTRO NICKEL SULFATE	M 4,545	0	0	0

No longer disposed of this method.  
Collected under B107 see pages  
7D-73.

No longer generated.

No longer generated.

K-1407A, K-1407B  
NO LONGER DISCHARGED

NO LONGER GENERATED

STORED UNTIL TREATMENT  
METHOD HAS BEEN  
APPROVED

NO LONGER GENERATED

Past Disposal K-1007

Past Disposal K-1407A,  
K-1407B, DISCHARGED  
THROUGH NRDES POINT.

Past Disposal K-1232

K-1232 ORLANDO K-2-12

APPROVAL FOR RELEASE

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Title/Subject WASTE STREAMS AND PAST AND PRESENT  
MEANS OF DISPOSAL -17 pages

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John J. Deitch  
Date 1/9/93  
K-25 Classification & Information Control Officer

B-14

WASTE STREAM 10. No.	Description * % out 85	Blo 81	STORED UNTIL TREATMENT METHOD HAS BEEN ARRIVED.
8. ELECTR. LESS NICKEL SOLUTION	M 0 12.159	0 12.970	No LONGER GENERATED K-1401A, K-1401B, NODES POINT
9. NITRIC ACID DATA	M 0 0	0 0	K-1401A, K-1401B, NODES POINT On LINE
10. K-1401 AUXILI	M 259.090	0 122.737	K-1401A, K-1401B, NODES POINT
11. K-1401 SOLVENT	M 140.454	0 121.507	K-1401A, K-1401B, NODES POINT
12. K-1401 HARSHOLE	M 140.454	0 121.507	K-1401A, K-1401B, NODES POINT
13. SOLVENT SOLVE	M 131.458	138.682	K-1401A, K-1401B, NODES POINT
14. CASSIT NIT. APPAR.	M 0	0	K-1401A, K-1401B, NODES POINT
15. CASSIT NIT. APPAR.	M 0	0	K-1401A, K-1401B, NODES POINT

K-1401A AND 1401B

K-1401A, K-1401B,  
NODES POINTK-1401A, K-1401B,  
NODES POINT  
On LINEK-1401A, K-1401B,  
NODES POINTK-1401A, K-1401B,  
NODES POINTK-1401A, K-1401B,  
NODES POINT  
On LINE  
GENERATED  
No LONGER GENERATED  
(SOLVED)  
Fixation)K-1401A, K-1401B,  
NODES POINT  
Solved  
Fixation)

(SOLVED)

NIT. APPAR.

WASTE STREAM ID. No.	*	DESCRIPTION	%	EST.	85	86	87	OFF-SITE COMMERCIAL DISPOSAL
15. MIGRADE ETCHANT	R		192	96	100	100	0	
No. PHOTO- METAL ETCHANT (REGULATED)	R		—	—	—	—		OFF-SITE COMMERCIAL DISPOSAL
17. TIN/LEAD (REGULATED)	R		—	—	—	—		
18. TIN/LEAD (REGULATED)	R		—	—	—	—		
19. SODIUM HYDROXIDE SOLUTION	R		120	90	78	0		OFF-SITE COMMERCIAL DISPOSAL
20. MERCURY OIL DIRT	R		37,450	0	0	0		OFF-SITE COMMERCIAL DISPOSAL
21. SODIUM METAL	R		0	0	2	0		OFF-SITE COMMERCIAL DISPOSAL
22. Hg-AZ RETURNED WASTE	M		5,830,093	11,650,000	24,611,136	700,389		To 2-12 STORED

WASTE STREAM ID. No.	*	Description	P/m	Ext	85	86	87	To Y-12 STORED
22. Y-12 BASIC SOL RETURNED	M	qud, 284	0		38,636	0		
23. Acid from Y-12	M	(*)						
24. Sodium Hydroxide From Y-12	M	(*)						
25. Y-12 Nitric Acid	M	(*)						
26. K-1401 REVERSE	M	qud, 818	0		0	8,182		
27. Ammonium Persulfate	P	626	335		370	0		
28. HCl (20%)	P	223	223	516	516	0		

1. INHIBITORS 10. No.	*	84	85	86	87	Commercial Disposal
1. CATALYST 10F	2	936	1110	183	0	Commercial Disposal
1. ACCELER- ATOR	2	1104	1404	322	0	Commercial Disposal
1. LEAD DATH	2	1104	1404	280	0	Commercial Disposal
1. VAC 41	2	448	125	20	0	Commercial Disposal
1. ACID - LEAD DATH	2	468	468	130	0	Commercial Disposal
1. NICKEL SUSPENSTION	2	468	60	5	0	Commercial Disposal
1. FLAMMABLE ACIDS, AD. PARTS	2	60	150	150	35	SEE PAGE 98-117

WASTE STREAM ID. No.	*					
EXCRETION	7/11	8/1	8/5	8/6	8/1	
1. CORROSIVE SOUND, AS PAKS	1,440	60	35	335	See Pages 98-117	
1. CORROSIVE SOUND, AS PAKS	2				See Pages 98-117	
Poisonous SOUND, AS PAKS	2	340	350	200	See Pages 98-117	
Poisonous SOUND, AS PAKS	2	22	561	0	133	See Pages 98-117
Poisonous SOUND, AS PAKS	2	21	20	0	45	See Pages 98-117
2. OXIDIZING SUBSTANCES, AS PAKS	2	113	20	60	142	See Pages 98-117
Hazardous WASTE, NASTY, AS PAKS	2	519	0	0	16	See Pages 98-117
1. SPENT SOLVENTS	11	6,379	146,782	30,701	14,400	STORED FOR INCINERATION

43-49

WASTE STREAM ID. No.	*	P/M	BT	85	86	87	STORED FOR INCINERATION
" POLYCHLORO- ETHYLENE & WATER	M			3,068	0	0	
PART WASTE	M						STORED FOR INCINERATION
	M						
" SODA ASH	P			2,812	0	1,100	K-1401A, K-1401B, NPDES POINT
	P						
" METHYLENE CHLORIDE	P			20,000	0	0	STORED FOR INCINERATION
	P						
" UF6	M			1,080	0	2	EXEMPT AEA.
	M						
" METHYL MERCAPTON OXIDE	P			25	0	0	K-900 BOTTLE SMASHER (ON-SITE DISPOSAL)
	P						
" ClF3	P			25	0	0	NOT A ROUTINE WASTE TREATED AS NEEDED
	P						

WASTE STREAM ID. No.	*	74	84	85	86	87	
DESCRIPTION	P	10	0	0	0	0	NOT A ROUTINE WASTE. EACH EVALUATED
50. FLUORINE	P	0	0	0	0	0	STORED. UNDER REVIEW
51. PHOSGENE	P	4.5	0	0	0	0	
52. K-1232 SPENT CARBON FILTER AGENT	N	0	21,023	4,480	0	0	GENERALLY AT T-11 DISPOSED , AC Y-12
53. HW FROM T-12	N	0	0	0	0	0	SEE PAGES Q8-117
54. Flammable liquids, LAD TANKS	P	0	153	0	0	0	AC
55. HQ w/ STRANNOUS CHASSIDE	P	0	0	0	0	0	COMMERCIAL DISPOSAL
Slo. Sodium Hydroxide	P	0	0	1,636	0	0	COMMERCIAL DISPOSAL

Commercial  
Disposal

WASTE STREAM ID. No.	*	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
DESCRIPTION																		
57. UAC4100	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
58. ISOTRO- PANOL	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
59. WASTE FLAMMABLE LIQUID	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
60. HAZARD- OUS WASTE LIQUID	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
61. WASTE THIENE CHLORIDE	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
62. CENTR- FUGE EXPOSED RESIDUE	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
63. WASTE METHYL ETHERAL KETONE	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

COMMERCIAL DISPOSAL  
(Costs-out Of CENTRIFUGE)  
Program

WASTE STREAM ID. No.	*	Description	P/m	84	85	86	87	STOCKED
W.H. K-1132 CENTRIFUGED SWAGE	m		0	90,109	100,372	15,023		CENTRIFUGE CLOSED OUT
5. ISOPROPYL ETHER	p				0			
6. 1,4-DIOXANE	p				0	23		
7. 2,4-DIMETH- YENYL KETONE	p				0	0	0	
8. ETHER VITROUS	p				0	0	45	
9. TRIETHYL ALUMINUM	p				0	0	40	
10. DMP ACIDIC 50%	m				0	0	12,500	12,500

DAY-SITE DISPOSAL AT K-900  
FOR BOTTLES. CHUMMERS  
WERE SHOT.

DMP WASTE PAGE 1) TREATED  
IN BATCHES K-1232

71-71

BMR (SEE PAGE 1) TREATED  
IN BATCHES.

WASTE STREAM ID. No.	* CATION P/M	84	85	86	87						
BMR ASIC SOL	M	0	0	2,500	3,910						
BMR ORGIC	M			0	2,500	2,150					
BMR NUDES	M			0	0	150	1982				
SILVER COVERED ON SOL	M			0	0	0	0				
SOILS	P			0	0	0	17.32				
DENTAL W/DE	P			0	0	0	0				
SOILS ROCKS	P			0	0	0	0				
WATER PERIODATE	P			0	0	0	0				

PAST  
COMMERCIAL RECOVERY

CONNECTED FOR RECOVERY  
AT ORNL FACILITY

COMMERCIAL  
DISPOSAL

1884

WHISTLE STREAM ID. No.	DESCRIPTION	GENERATED DURING WESTINGHOUSE INCINER- ATOR PROJECT			STORED FOR INCINERATION		
		%	kg	t	%	kg	t
16. POTASSIUM METAL	2	0	0	0	0	0	0
P. PHOSPHOROUS	2	0	0	0	0	0	0
15. METHYL ETYL KETONE (VEST.)	2	0	0	0	0	0	0
11. METHYL ETYL KETONE VI (VEST.)	2	0	0	0	0	0	0
M. METANIC ACID	2	0	0	0	0	0	0
B. THIO-ACETANE	2	0	0	0	0	0	0
4. SOLVENT CON. BASS	2	0	0	0	0	0	0

25-91

* ID. No.	DESCRIPTION	P%	84	85	86	87	
1. TSCA INCINERATOR ASH	P.	0	0	0	0	10,125	
2. METABOLIC LIPID MIXTURE	P.	0	0	0	0	0	
3. VINYLENE, NITRILE GUM MIXTURE	P.	0	0	0	0	2,940	
4. METAMERIC EXCHILODE- THYLENE, 2 FUSIONE MIXTURE	P.	0	0	0	0	3,692	
5. METAMERIC DILUTED WATER MIXTURE	P.	0	0	0	0	3,131	
6. CHLORO- PHENOL MIXTURE	P.	0	0	0	0	4,661	
7. RESIDUAL CARBON TERACLODIOSE SILICONE MIXTURE	P.	0	0	0	0	42,960	
8. THIO- PHENOL	P.	0	0	0	0	0	0.45

DESCRIPTION	P.M.	84	85	86	87	GENERATED DURING X-1135 MINI-BURNS		COMMERCIAL DISPOSAL
						WITH & TREATED IN X-1135	BEING EVALUATED FOR COMMERCIAL DISPOSAL	
1. RESIDUAL Hazardous ZINC	P	0	0	0	0	0	0	0
2. METAL SHAVINGS CONTAINING LEAD	M	0	0	0	0	0	0	0
3. IRON DUST	P	0	0	0	0	0	0	0
4. LANTHANUM PEROXIDE	P	0	0	0	0	0	0	0
5. PROPANE	M	0	0	0	0	0	0	0
6. DEUTERIUM	M	0	0	0	0	0	0	0
7. MOPHENE	M	0	0	0	0	0	0	0
8. ACETIC NITRILE	P	0	0	0	0	0	0	0

qq-105

99-117  
COMMERCIAL  
DISPOSAL

106 - 112

99-111

# COMMERCIAL DISPOSAL

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# COMMERCIAL DISPOSAL